MONTANA DEPARTMENT OF HEALTH AND ENVIRONMENTAL SCIENCES

Monthly Activities Report of the Air Quality Bureau

STATE DOCUMENTS COLLECTION

FEB 13 1979

December, 1978

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## 1. Highlights:

Helena, Montana 59601 The Board of Health held a meeting on December 18 at which time the State Implementation Plan and several rules were heard and adopted.

### 2. Ambient Air Quality Network

#### Standards Exceeded:

SO <sub>2</sub> near Anaconda	Highway Junction	Mill Creek	Lincoln School
More than 0.25 ppm Highest 24-hour	65 0,64ppm	32 0.28 <sub>ppm</sub>	18 0.41ppm
Highest 1-hour	1.85ppm	1.50ppm	0.93ppm

## Hi-vol standards exceeded:

City	Station	Date	.50 ug/m <sup>3</sup> st. std.	
Butte	Dr. Canty	12/13	169	
Butte	Greely	12/16	179	
Butte	Hebgen Park	12/16	155	
Butte	Hebgen Park	12/27	152	

Air Stagnation Advisories - None in December

#### c. Laboratory Status

Total	Determinations	for	Month 7	19
Total	Samples for Mor	nth	2	92

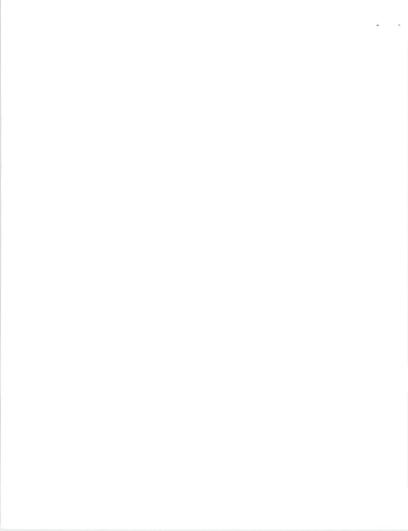
### 3. Permits and Tax Credits:

#### Construction Permits - Applied for:

Stauffer Chemical Co., Silver Bow Plant, slag granulation system Earth Builders, Valley Co., gravel crusher Earth Builders, Valley Co., asphalt batch plant Jim Gilman Excavating, Anaconda, portable gravel crusher ASARCO, Troy, crushers and baghouse

### Approved in December:

Baltrusch Construction, Beaverhead Co., asphalt batch plant Anaconda Reduction Department, Anaconda, alter baghouse



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### 3. Permits and Tax Credits, cont.

- b. Operating Permits None
- c. Tax Credits: None

### 4. Variance Status:

a. Current:

Anaconda Company, SO<sub>2</sub> variance, approved in November. ASARCO, one year variance granted through June 30, 1979.

b. New - None

#### 5. Enforcement Actions

a. Citation:

Briand S Lumber, Livingston, MT, 781208-BR-1, tepee burner in violation of sections (2)(a)(ii) and (ii)(a) of rule 16-2.14(1)-514030 (Wood Waste Burners)

b. Notice of Violations

Brand S Lumber, Livingston, MT, N781208-BR-1, Tepee burner in violation of sections (2)(a)(1i) and (4)(a) of rule 16-2.14(1)-514030 (Wood Waste Burners) and 078106-BR-1.

c. Order for Corrective Actions

Brand S Lumber, Livingston, MT 0781208-BR-1. Brand S ordered to shut down burner by January 30, 1979.

## 6. Tepee Burner and Open Burning

Tepee Burner: Number in operation 41

Open Burning Permits Issued:

Kalispell Office	12	Sanders County	4
Cascade County	2	Yellowstone County	3
Lake County	11	Rest of State	72
Missoula County	5	Total	109

# Source Tests Performed:

- A. Agency Source Tests: None
- b. Non-Agency Source Tests: Montana Power Company submitted certification source tests for  ${\rm SO}_2$ ,  ${\rm NO}_{\rm X}$  and opacity for review.



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#### 8. Field Investigations:

A\$ARCO, East Helena, auditing ambient air monitors Brand S Lumber, Livingston, investigation, citation issued Cenex, Laurel, with EPA Inspectors Exxon, Billings, with EPA Inspectors Conoco, Billings, with EPA Inspectors

#### 9. Complaints:

Brand S Lumber, Livingston, burning, smoke, inspection and investigation (5 complaints)
Individual, Kalispell, open burning, warning letter sent

#### 10. Data Processing Services:

- a. Ambient Data Summary None for November; computer program being changed
- b. Emission Inventory Status: No updates received
- c. Prevention of Significant Deterioriation none
- d. Modeling none

#### 11. Environmental Impact Statements

Work proceeded on the Ambient Air Quality Standards EIS which is due out sometime in December.

# 12. Status of Studies, Contracts and Reports:

Poplar River Study, operating well. Budget for RY 80 prepared. Flathead Study, operating well. Budget for FY 80 were prepared. MAPS - meteorology studies operating well. - Interim Report being written.

# 13. Schools and Training:

None attended in December

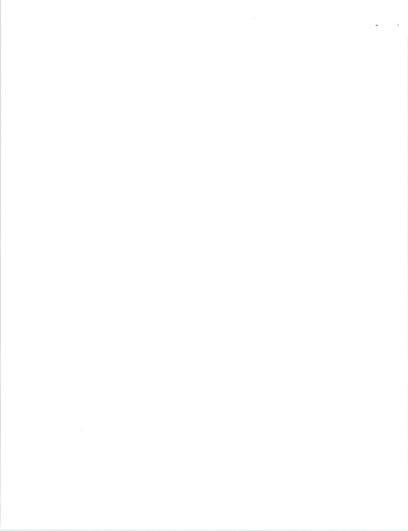
# 14. Public Hearings and Meetings:

a. Public Hearings Held:

Board of Health meeting held December 18, at which time proposed rules and SIP were heard.

## b. Meetings attended:

Met with industry representatives regarding rules National Weather Service, Great Falls U.S. Forest Service, Missoula Flathead Study Steering Committee, budget proposal EPA, Billings, oil refinerles



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## 14. c. Intra-staff meetings

AQB staff meetings

## 15. Public Information Requests:

Rules and regs 15 CAA 15 Radio interview - causes of inversion in Billings TV interview - causes of inversion in Billings Newspaper interview - telephone conversation

